

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A process for hydrogenating an olefin, which comprises passing upwardly a liquid containing an olefin and a gas containing hydrogen through a packed bed of a solid hydrogenation catalyst, wherein the superficial velocity of the gas is 3.0 to 10 cm/sec, and the size of the catalyst is 0.5 to 10 mm.

2. (original): The process according to claim 1, wherein the olefin is a styrene.

3. (original): The process according to claim 1 or 2, wherein the superficial velocity of the gas is 3.5 to 10 cm/sec.

4. (previously presented): The process according to claim 2, wherein the styrene is α -methyl styrene.